

**TOP SECRET RUFF**

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Attachment to  
13 April 1971  
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Copy 1REFERENCE TO:  
MISSION KH 1112RANGEHEAD TRACKING FACILITIES  
WU-CHAI SSM LAUNCH COMPLEX  
CHINA

1. SIGNIFICANCE: FIRST IDENTIFICATION OF AN SSM TRACKING FACILITY NEAR HEI-YU-KOU, CHINA, WHICH AIDED IN CONFIRMING THE PREVIOUSLY REPORTED PROBABLE SSM TRACKING FACILITY AT PIEN-KUAN. BOTH FACILITIES ARE ASSOCIATED WITH THE WU-CHAI SSM LAUNCH COMPLEX.

2. LOCATION: HEI-YU-KOU SSM TRACKING FACILITY

[REDACTED] IS LOCATED AT 38-30-40N

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110-55-10E, 38 NAUTICAL MILES (NM) SOUTH-WEST OF WU-CHAI SSM LAUNCH COMPLEX.

PIEN-KUAN SSM TRACKING FACILITY

[REDACTED] IS LOCATED AT 39-23-26N

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111-11-43E, 38 NM NORTH-NORTHWEST OF WU-CHAI SSM LAUNCH COMPLEX.

WU-CHAI SSM LAUNCH COMPLEX

[REDACTED] IS LOCATED AT 38-49-27N 111-40-17E, 13 NM

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GROUP 1: EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

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SOUTHWEST OF WU-CHAI.

3. REMARKS:HEI-YU-KOU SSM TRACKING FACILITY

MOBILE ELECTRONICS EQUIPMENT, POSSIBLY FOR  
SSM TRACKING, HAS BEEN OBSERVED ON AT LEAST  
SEVEN MISSIONS SINCE [REDACTED]

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HOWEVER, SMALL SCALE PHOTOGRAPHY PRECLUDES  
ANY DESCRIPTION OR VERIFICATION OF THE  
FUNCTION OF THIS EQUIPMENT.

PIEN-KUAN SSM TRACKING FACILITY

THE FACILITY CONSISTS OF AN OPERATIONS AREA  
(AREA A), AN ADMINISTRATION AND HOUSING AREA  
(AREA B), AND AN AREA WITH A LARGE EXCAVA-  
TION AND AN ASSOCIATED CONSTRUCTION SUPPORT  
AREA (AREA C). A CABLE SCAR CONNECTS THE  
ADMINISTRATION AND HOUSING AREA TO THE OPERA-  
TIONS AREA AND TO THE LARGE EXCAVATION IN  
AREA C; A ROAD CONNECTS ALL THREE AREAS. THE  
OPERATIONS AREA CONTAINS A FLAT-ROOFED,  
PROBABLE INSTRUMENTATION BUILDING WITH A  
DOME [REDACTED] IN DIAMETER AND  
A LARGE GABLE-ROOFED SUPPORT BUILDING.

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4. PAST COVERAGE: HEI-YU-KOU SSM TRACKING FACILITY WAS COVERED  
ON 13 KH-4 MISSIONS.

PIEN-KUAN SSM TRACKING FACILITY WAS COVERED  
ON SIX KH-4 [ ] MISSIONS.

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5. NEGATION DATE: HEI-YU-KOU SSM TRACKING FACILITY - [ ]

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PIEN-KUAN SSM TRACKING FACILITY - [ ]

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[ ]

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6. FIRST IDENTIFICATION: HEI-YU-KOU SSM TRACKING FACILITY WAS FIRST  
OBSERVED UNDER CONSTRUCTION [ ]

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PIEN-KUAN SSM TRACKING FACILITY WAS FIRST  
OBSERVED UNDER CONSTRUCTION [ ]

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[ ]

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7. MISSION READOUT:

HEI-YU-KOU SSM TRACKING FACILITY CONTAINS  
AN INSTRUMENTATION BUILDING WITH A POSSIBLY INCOMPLETE DOME,  
THREE CLEARED SITES FOR PARKING MOBILE ELECTRONICS EQUIPMENT  
(POSSIBLY FOR SSM TRACKING), AND ASSOCIATED VEHICLES AND VANS.  
THE INSTRUMENTATION BUILDING IS SIMILAR IN SIZE AND SHAPE TO THE  
INSTRUMENTATION BUILDING IN THE OPERATIONS AREA OF THE PIEN-KUAN

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SSM TRACKING FACILITY 55 NM TO THE NORTH. THE INSTRUMENTATION BUILDING AT HEI-YU-KOU WAS NOT PRESENT IT WAS CONSTRUCTED ON THE SITE OF A POSSIBLE VEHICLE/EQUIPMENT STORAGE BUILDING WHICH WAS MOVED APPROXIMATELY 15 METERS (50 FEET) TO THE WEST BETWEEN JULY 1970 AND DECEMBER 1970, THE MOST RECENT AVAILABLE PHOTOGRAPHY. ONE SMALL SUPPORT BUILDING WAS ALSO CONSTRUCTED ON THE EAST SIDE OF THE INSTRUMENTATION BUILDING BETWEEN JULY 1970 AND DECEMBER 1970.

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A BARRACKS AND SUPPORT AREA AT THE CENTER OF THE FACILITY CONTAINS FOUR BARRACKS, A MESSHALL, FOUR POSSIBLE VEHICLE/EQUIPMENT STORAGE BUILDINGS, A POSSIBLE ADMINISTRATION AND CONTROL BUILDING, AND THREE SUPPORT BUILDINGS.

CONSTRUCTION WAS FIRST OBSERVED

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AND, WITH THE EXCEPTION OF THE INSTRUMENTATION BUILDING AND THE SMALL SUPPORT BUILDING, HAS BEEN COMPLETE SINCE

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IEG/EGD/NECB

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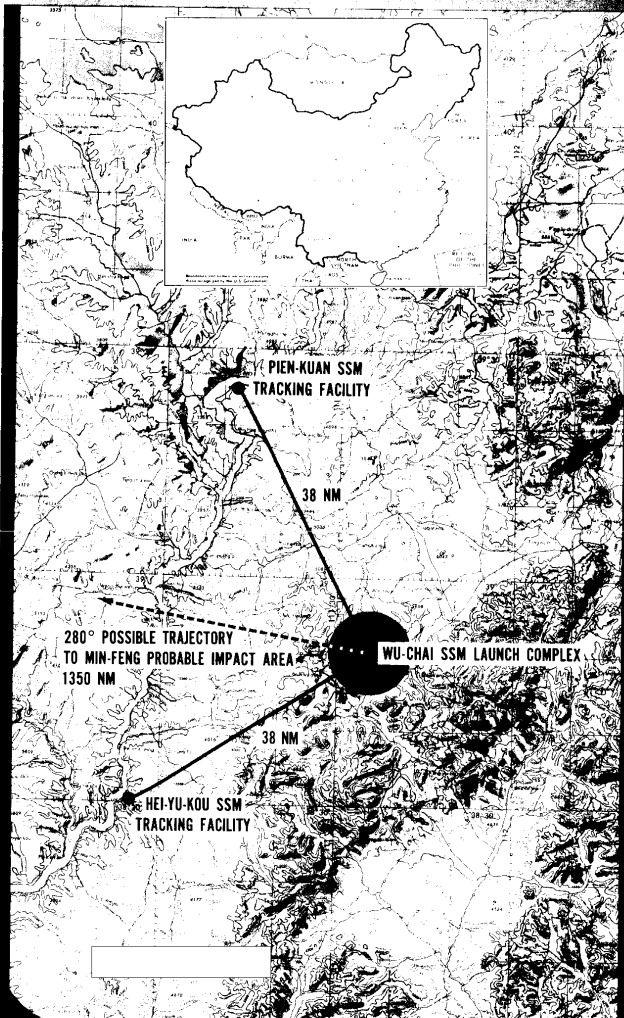
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# **RANGEHEAD TRACKING FACILITIES WU-CHAI SSM LAUNCH COMPLEX CHINA**

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